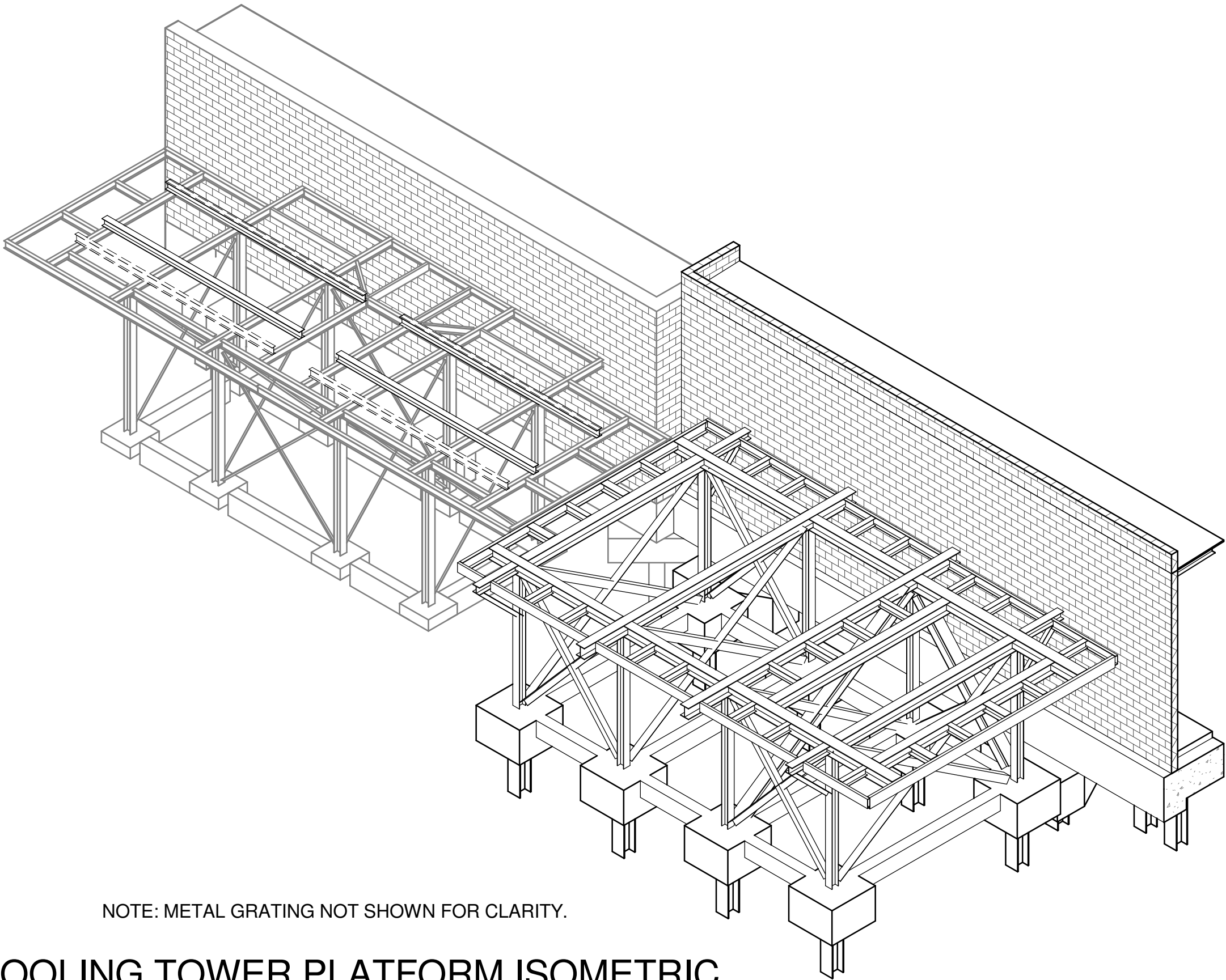


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C

B

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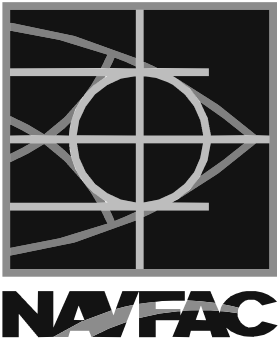


NOTE: METAL GRATING NOT SHOWN FOR CLARITY.

COOLING TOWER PLATFORM ISOMETRIC
SCALE: NOT TO SCALE

COOLING TOWER SUPPORT FRAME NOTES:

1. FIELD VERIFY AND COORDINATE ALL COLUMN LOCATIONS WITH COOLING TOWER MANUFACTURER TO PROVIDE SUFFICIENT CLEARANCE FOR ISOLATOR ATTACHMENTS. COORDINATE EQUIPMENT MOUNTING LOCATIONS WITH MANUFACTURER AND SHOP DRILL HOLES FOR ATTACHMENTS.
2. REFER TO SHEET S-141 FOR FOUNDATIONS.
3. USE 19W4 - 1"x1/4" HOT DIP GALVANIZED STEEL BAR GRATING. PROVIDE 1" MAX CLEAR FROM CHILLER.
4. PROVIDE HANDRAIL AT ALL SIDES OF COOLING TOWER PLATFORM. SEE DETAIL A1 ON SHEET S-322.
5. ELEVATION TOP OF STEEL TO MATCH EXISTING PLATFORM. FIELD VERIFY LOCATION.
6. AT INTERFACE OF COOLING TOWER PLATFORM AND EXISTING PLATFORM, CANTILEVER NEW STEEL GRATING TO CREATE AN UNOBSTRUCTED WALKWAY BETWEEN PLATFORMS.
7. REMOVE EXISTING HANDRAIL AT INTERFACE OF COOLING TOWER PLATFORM AND EXISTING PLATFORM TO CREATE AN UNOBSTRUCTED WALKWAY BETWEEN PLATFORMS.
8. COORDINATE LOCATION OF WIDE FLANGE EQUIPMENT SUPPORTS WITH RADIATOR SUPPLIER. ATTACH BOTTOM FLANGE NEW WIDE FLANGE SHAPES TO TOP FLANGE OF EXISTING WITH MINIMUM 2" LONG 3/16" FILLET FIELD WELDS AT ALL INTERSECTING LOCATIONS.
9. ALL EXTERIOR STEEL AND CONNECTIONS SHALL BE HOT DIP GALVANIZED, TYPICAL.



BURNS MEDONNELL
1305 EXECUTIVE BLVD.
SUITE 160
CHESAPEAKE, VA 23320
757-548-2056

APPROVED	
FOR COMMANDER NAVFAC / B.L.T.L.	
ACTIVITY	
SATISFACTORY TO DATE	
DES	MDV
DRW	BS
CHK	PJG
PROJECT MANAGER	
IPT TECH. BRANCH HEAD	
CHIEF ENGINEER	

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
NAVAL FACILITIES ENGINEERING COMMAND - MIDLANT
NAVAL STATION NORFOLK
NORFOLK, VIRGINIA
NAS OCEANA-DAM NECK ANNEX
P-603 MARITIME SURVEILLANCE
SYSTEM FACILITY
B469 - COOLING TOWER PLATFORM ENLARGED PLAN

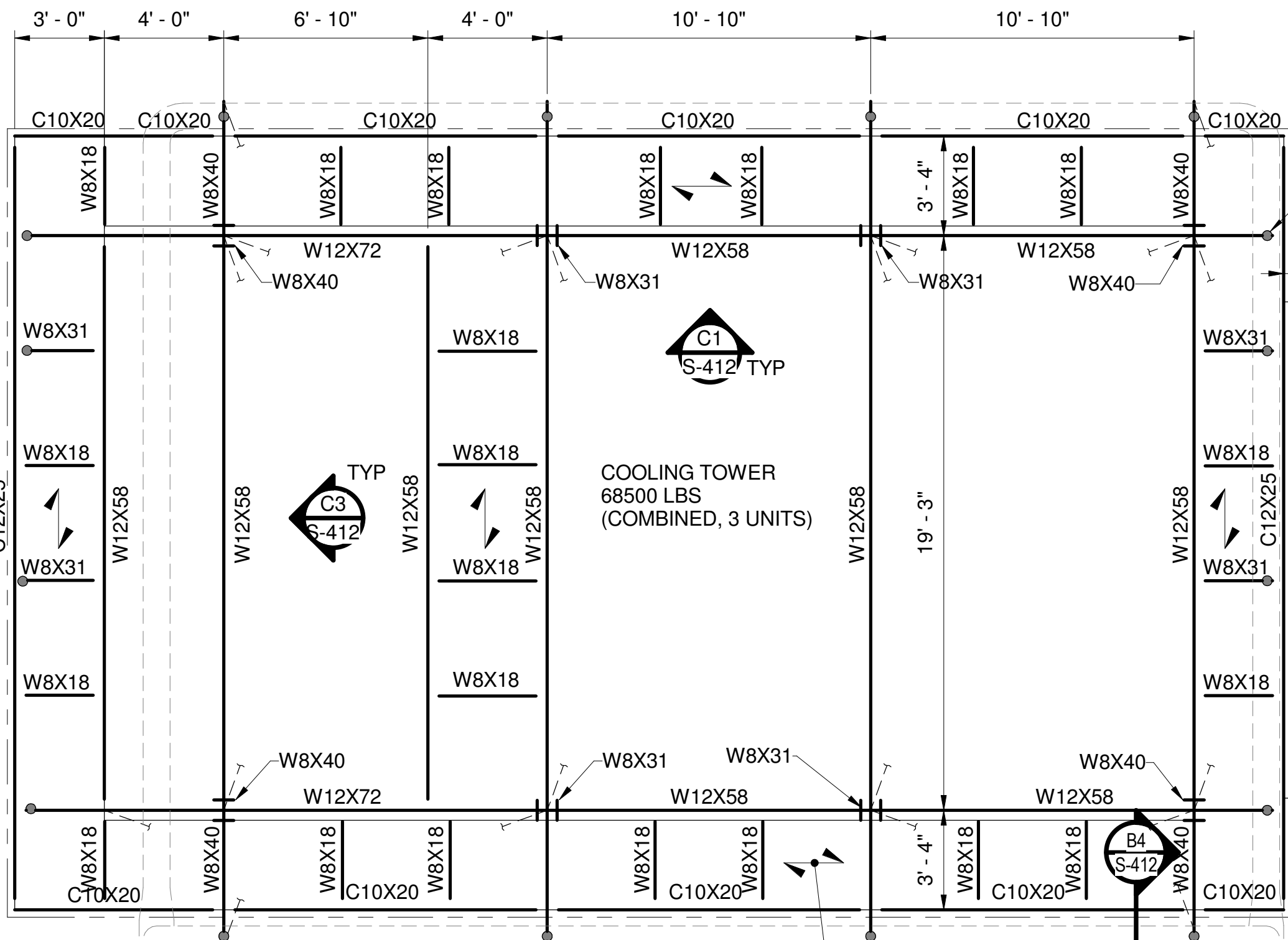
SCALE:	AS NOTED
EPROJECT NO.	1344924
CONSTR. CONTR. NO.	N40085-16-R-6119
NAVFAC DRAWING NO.	12712819
SHEET	53 OF 296
S-411	

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A

FILE NAME: C:\Revit\Projects\42327-P603MSSFacModels\Struct\42327_S_CUP_batolder.rvt

REVDATE: 4/5/2016 4:20:12 PM



COOLING TOWER PLATFORM
ENLARGED PLAN
SCALE: 1/4" = 1'-0"

GRATING SPAN. REFER TO
NOTE 3 FOR GRATING
TYPE (TYPICAL)

PIPE HANGER
LOCATIONS, 3000 LBS
MAXIMUM (TYPICAL)

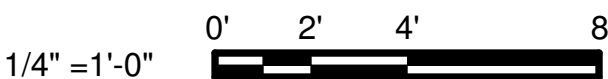
EXISTING HANDRAIL

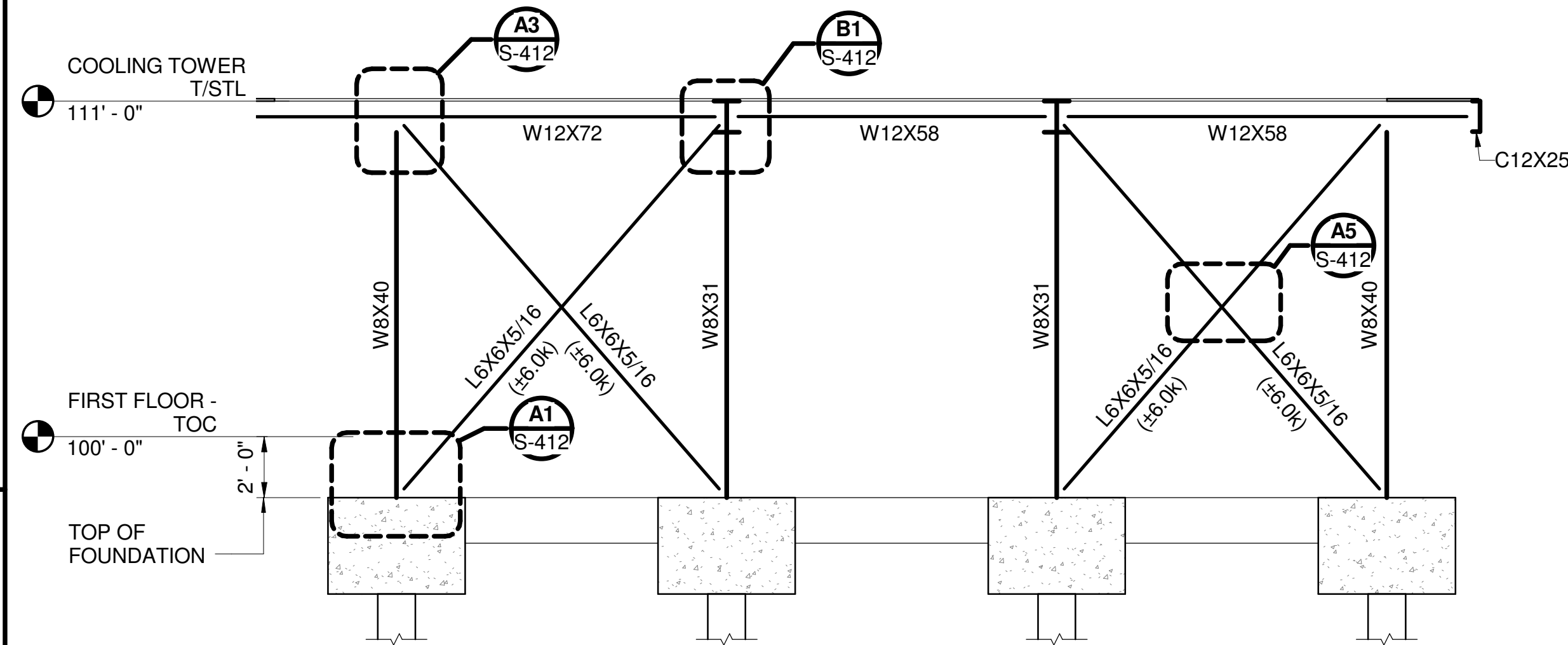
REMOVE EXISTING WIDE
FLANGE COOLING TOWER
SUPPORT

ADD GALVANIZED STEEL
BAR GRATING TO MATCH
EXISTING

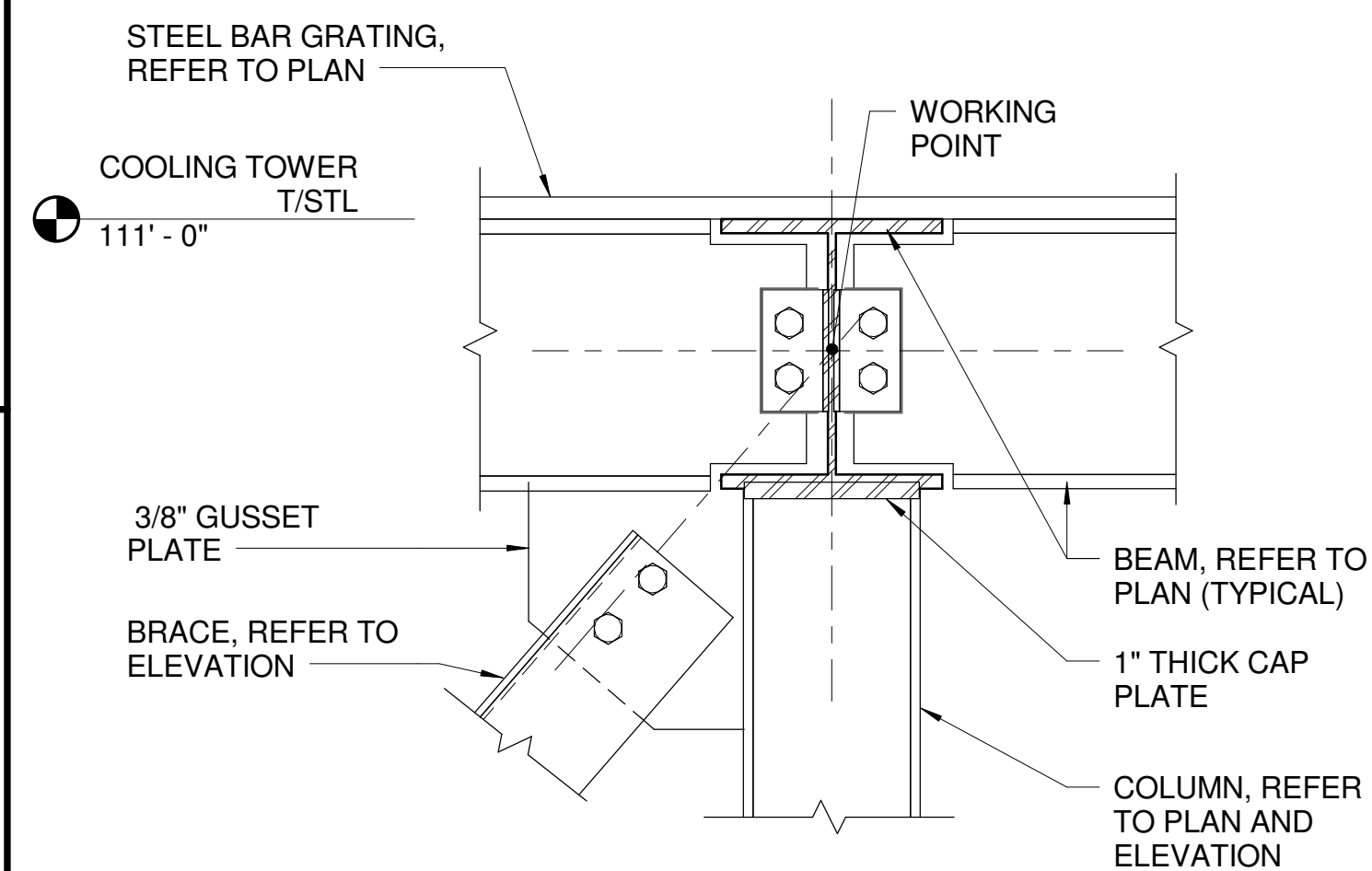
REMOVE EXISTING WIDE
FLANGE AND REPLACE
WITH NEW W8X24

GRAPHIC SCALE:

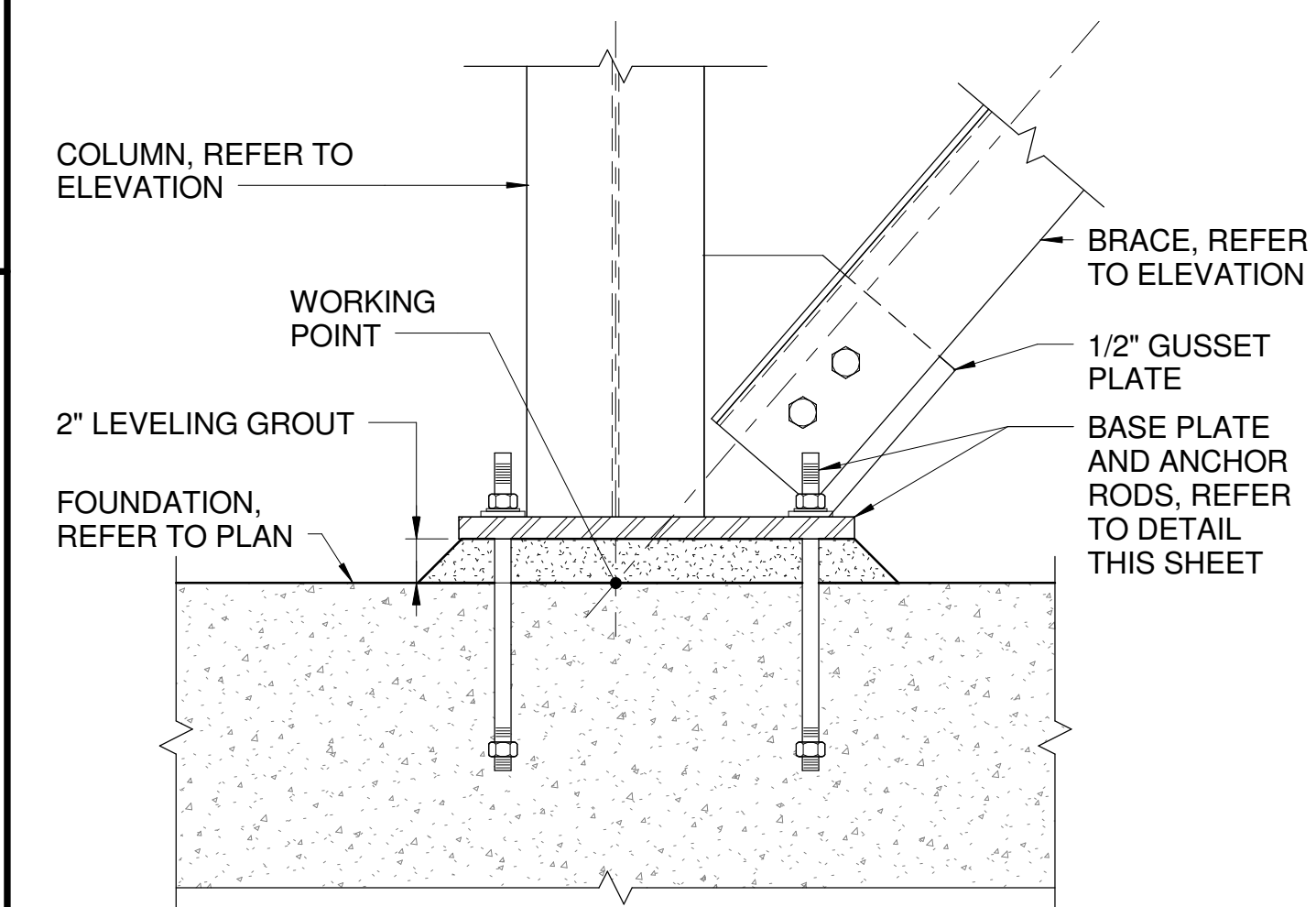




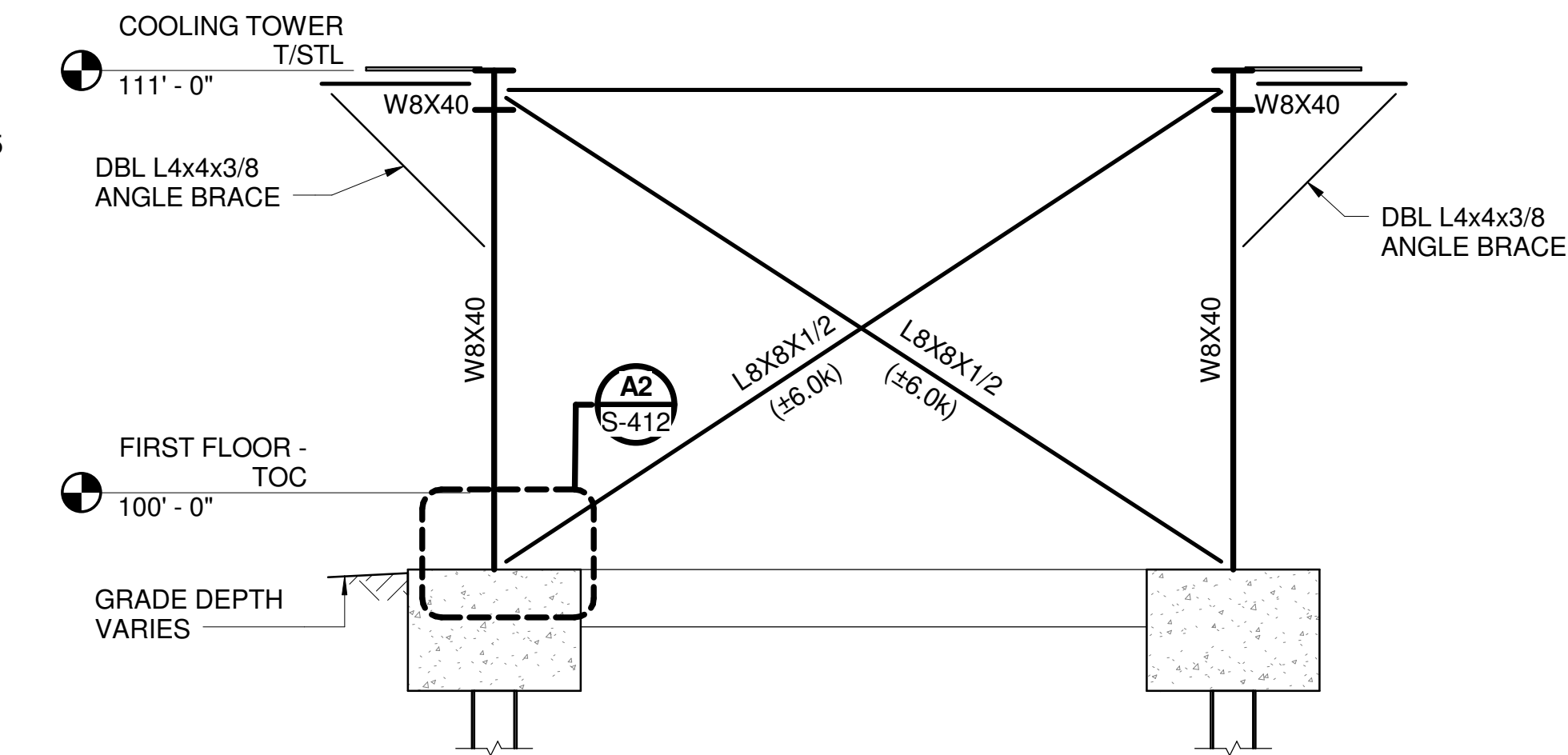
C1 PLATFORM FRAME ELEVATION
SCALE: 1/4" = 1'-0"



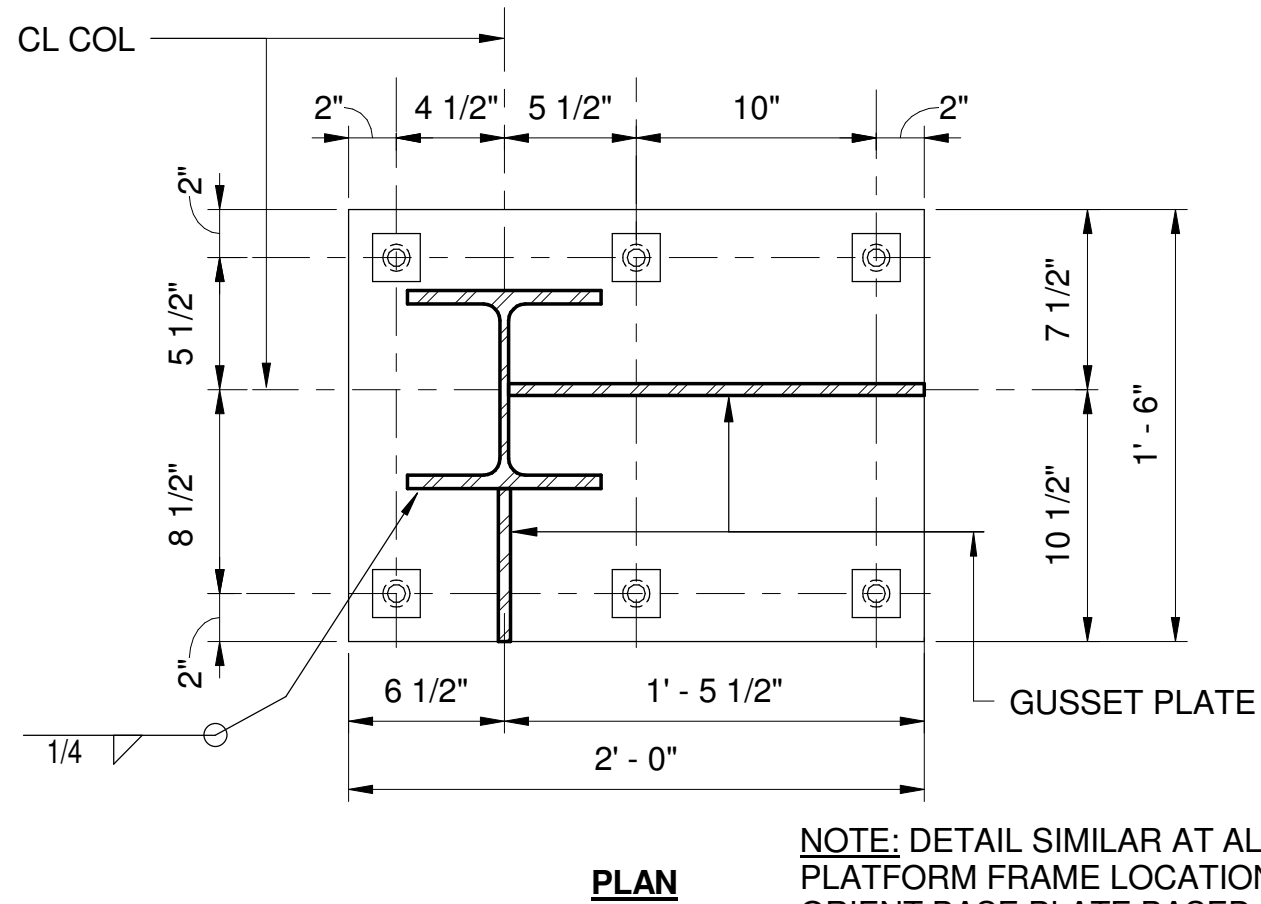
B1 **DETAIL**
SCALE: 1 1/2" = 1'-0"



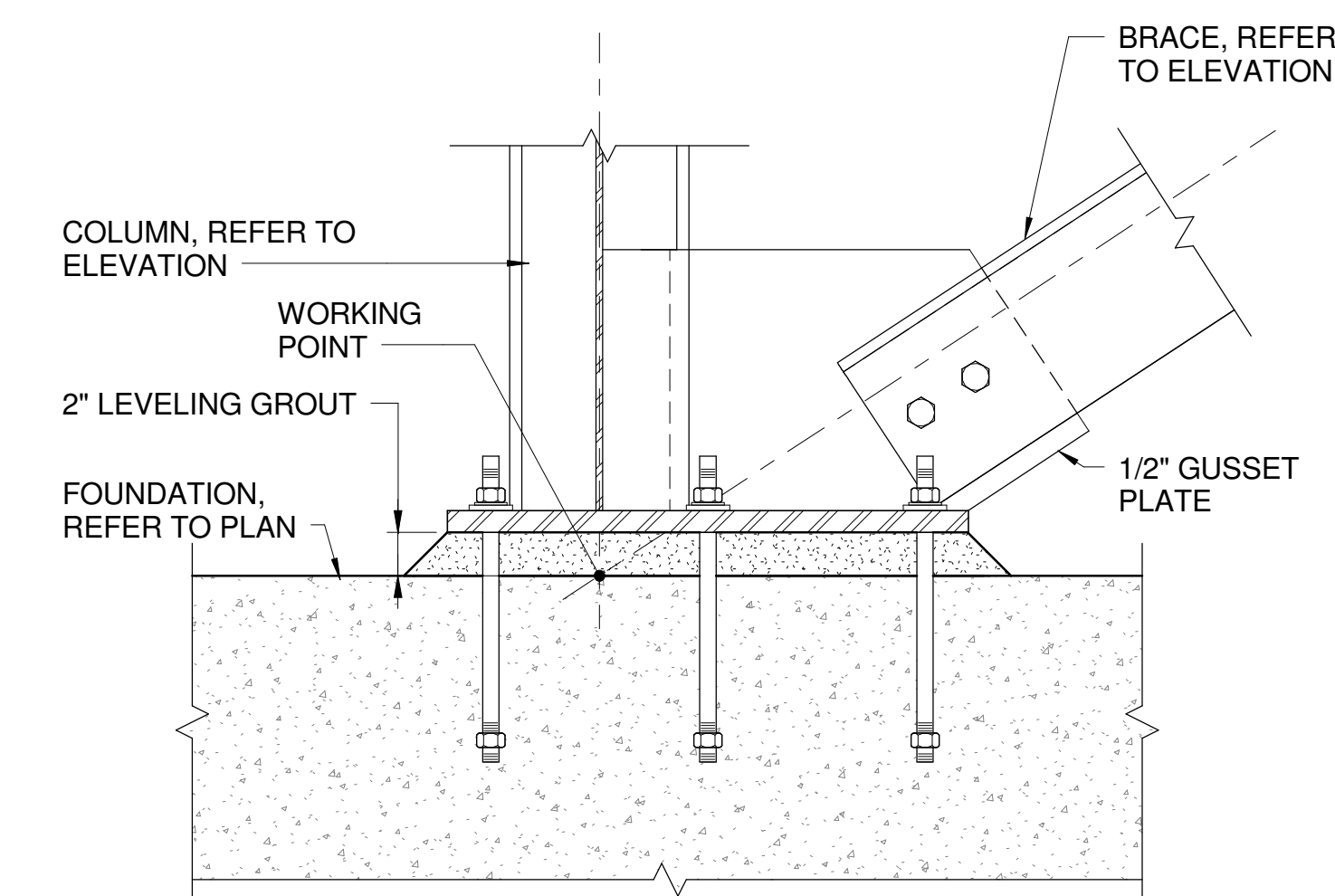
A1 **DETAIL**
SCALE: 1 1/2" = 1'-0"



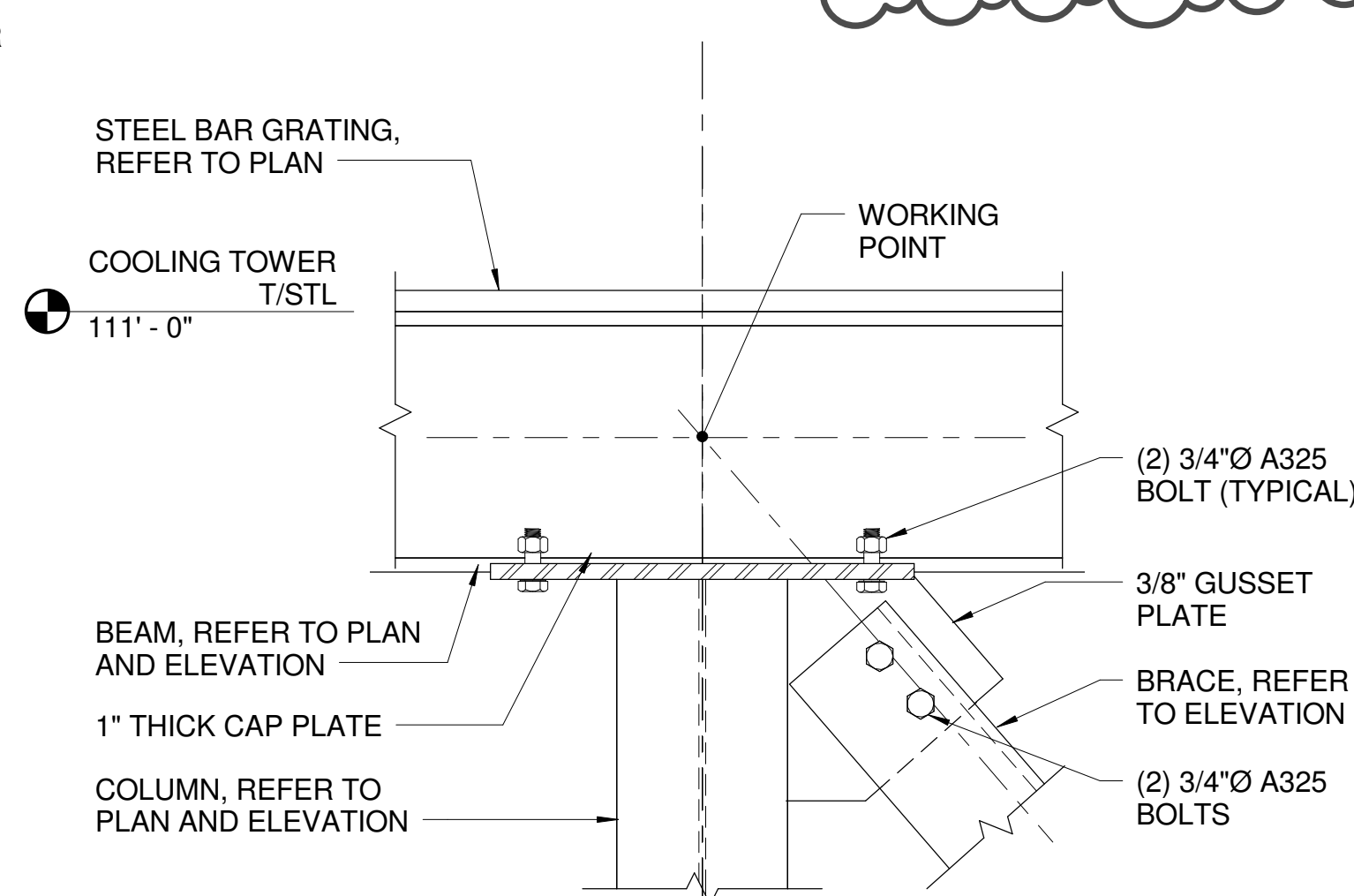
C3 PLATFORM FRAME ELEVATION
SCALE: 1/4" = 1'-0"



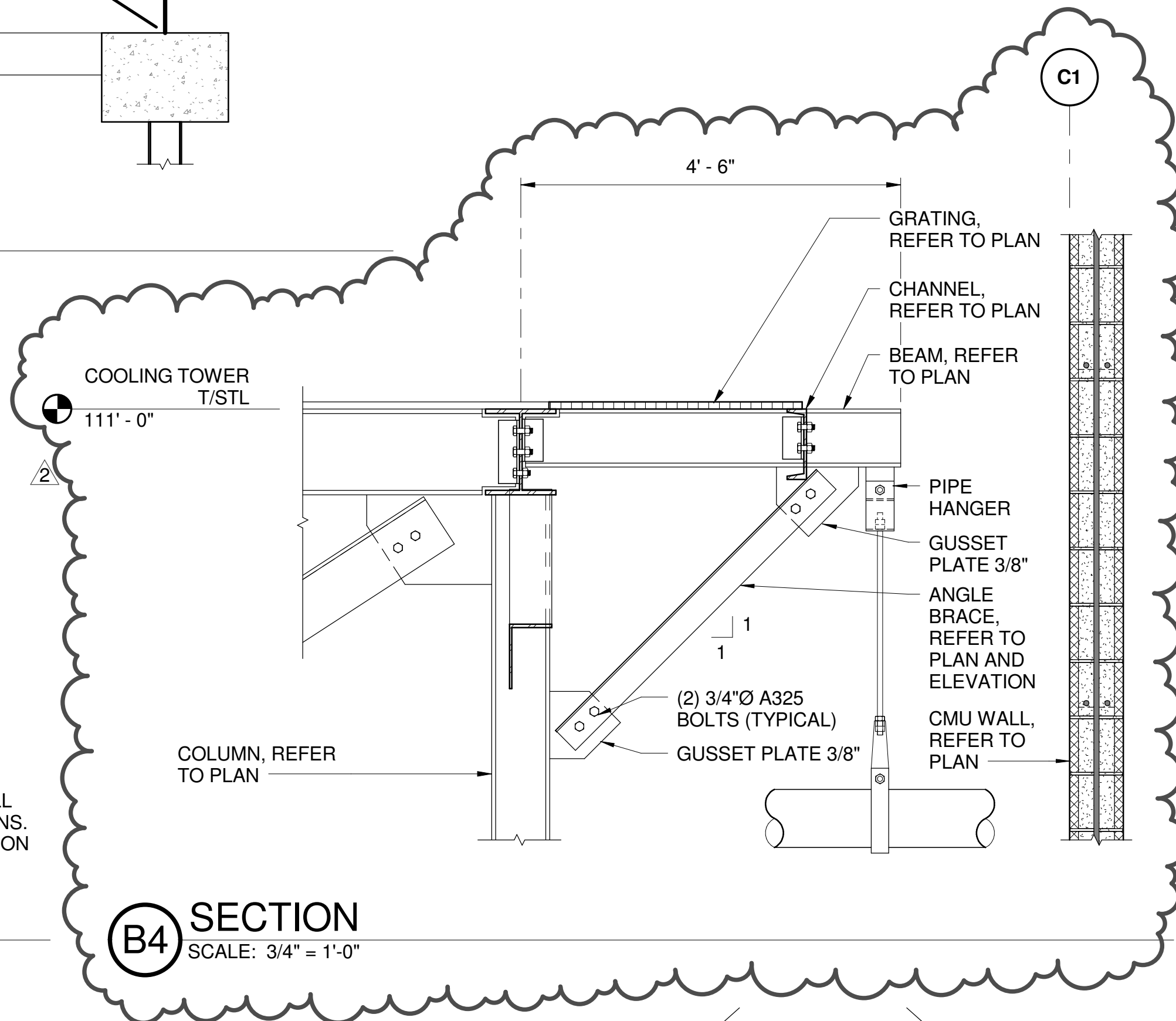
(B2) PLATFORM FRAME ANCHOR ROD AND BASE PLATE DETAILS
SCALE: 1 1/2" = 1'-0"



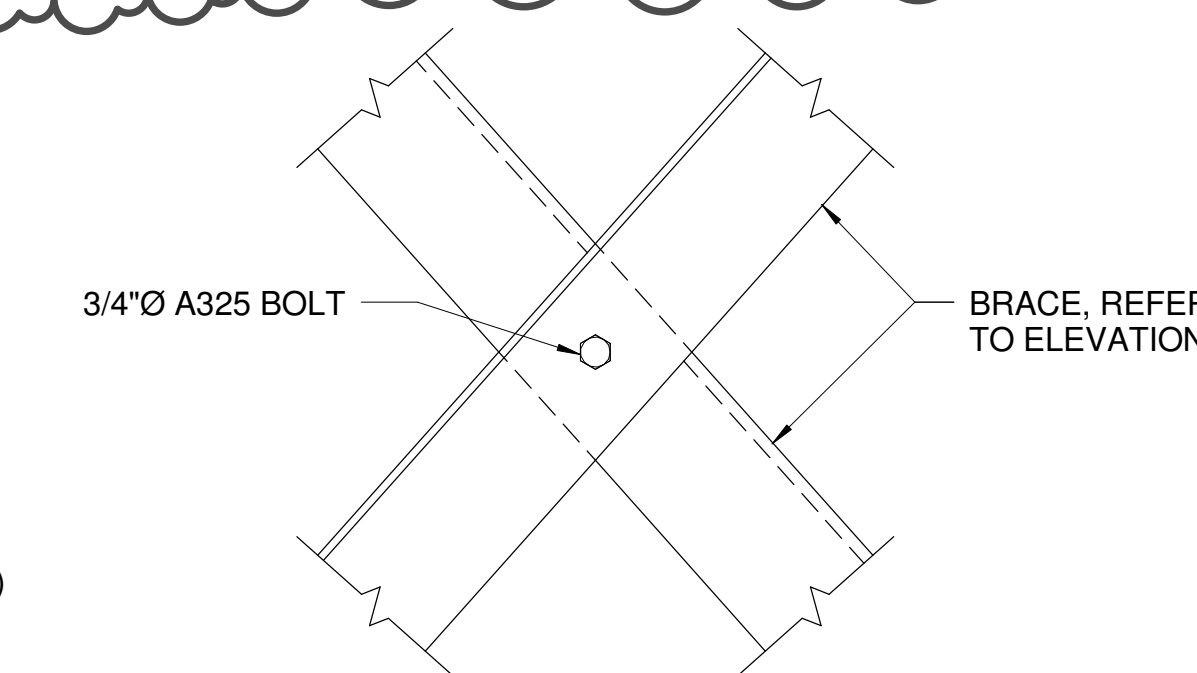
A2 **DETAIL**
SCALE: 1 1/2" = 1'-0"



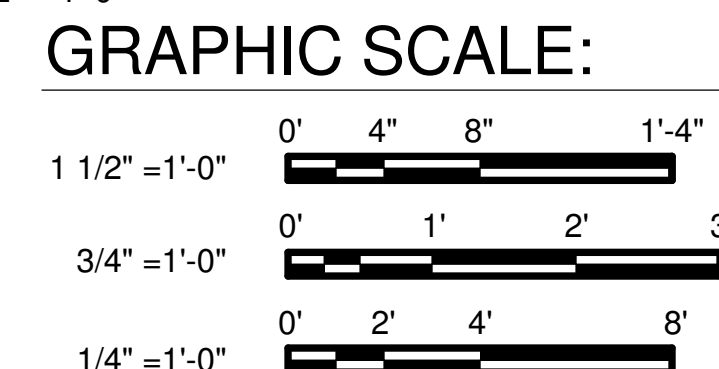
A3 **DETAIL**
SCALE: 1 1/2" = 1'-0"



B4 SECTION
SCALE: 3/4" = 1'-0"



A5 DETAIL
SCALE: 1 1/2" = 1'-0"

[illegible]